

A.A.D.E.

Monthly Technical Forum

October 15, 2009

Speaker

Peyton Lowrey
Halliburton

Topic

Cement Bond Log

Time

5:30-Social Hour
6:30-Dinner
7:00-Presentation

Place

Rice Bowl

Cost

\$20 if RSVP

RSVP

Ariana Enriquez
334-3600 or
Ariana.Enriquez@Halliburton.com

2009-10 Board of Directors

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From the President

This month I'd like to comment on how newer rig technology is creeping into our area. Over the past several months I've had the opportunity to visit newer design rigs from both H&P and Ensign. I was amazed at the engineering and automation of these new rigs. I'm sure there are others, but I just mention these examples since I have had the opportunity to see them first hand. Additionally, I've observed conventional rigs sometimes fitted

with newer technology like automated drill pipe make up / break out systems and automated cat walks. Of course, top drive systems have been around for a number of years and are becoming more common in our market. Unfortunately, this new technology comes at a price and we sometimes struggle to justify the expenditure with improved performance. This is probably especially true for the majority of the wells drilled in

California; the shallow 1 to 3 day wells. Add the IADC safety statistics to this mix. US Land is the most dangerous place to work on a drilling rig in the world. In 2007, the IADC reports a Lost Time Incident Rate (LTI) of 1.23 compared to the industry average of 0.53. Can new technology help us close the gap? It is certainly not going to be the silver bullet, but I think it can help. When is the last time

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Cement Bond Log

About the speaker:

Peyton Lowrey graduated from Texas A&M University in 1997, and the University of Miami in 2003. He has worked for Universal Digitizing, Inc. and Loren & Associates in Houston, TX, as well as Weatherford International. He has been a log analyst with Halliburton in Bakersfield, CA since June 2007.

Abstract: Evaluating Cement Sheaths Using Traditional and Ultrasonic Logging Tools

A cement sheath serves the dual purposes of providing support for the casing in a well, and ensuring that the zones of interest

are hydraulically isolated. To serve these purposes, it is necessary to be sure that the cement sheath is well-bonded both to the casing and to the formation. Traditional cement bond logging tools can be used to evaluate the bond between both casing and cement, and formation and cement. Ultrasonic logging tools allow us to evaluate the bond between casing and cement in lightweight and foam cements. We will look at log examples using both types of tools, and show the audience the basics of bond log interpretation.

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News Briefs

The AADE is off and running for another year. We had our first meeting at the Rice Bowl and had about sixty people which is a good number for our regular monthly forums. If we can average that many or more for all of the meetings, we will be doing very well. Our big meeting every year is in January and we are expecting another big one this year. We have a special event with a special speaker that will give us some insight as to what 2010 has in store for the drilling industry. Take a look at the notice in the newsletter about the speaker for this meeting. Our speaker for October is Peyton Lowrey of Halliburton and

he will be discussing Cement Bond Logging. There is more about Peyton and his topic in the newsletter. We want a large attendance for this meeting to keep the average up, because we suspect that next month with the Geothermal Golf Tournament conflicting with our meeting date, attendance could be down a little.

We have a good year of happenings and want everyone to take part in all of them, so for your convenience there is a tentative schedule of these events in this newsletter for you to adjust your calendars to.

It is nice to see that the California Rig count is inching upward

over the last couple of weeks, and we have seen some indicators that it should continue upward with the 2010 budget money becoming available soon for all the operators. Hopefully the oil price will remain sufficient for this trend to continue.

As always, we are looking for more articles for our newsletter, so if you have anything that you think would be of interest to our membership please contact me and I will try to get it in here.

Bob French

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Email: bfrench@geodf.com

Lucky Member of the Month—Josh Kyles

My thanks to the AADE for the drawing my name at last months meeting and I would like to encourage everybody to RSVP in October for your opportunity to win \$50! I am homegrown, born and raised in beautiful Bakersfield, Ca. I began my carrier with Halliburton in 2004, becoming a MWD Engineer. Halliburton quickly recognized I represented a huge liability in the field and found a position in the office for me to try and minimize my impact. I learned many things from extremely smart individuals (David Arias) while I was a coordinator; mainly that you must work too hard in operations! Therefore I took a position with the Business Development department at Halliburton in 2007 under the watchful eye of Carl

Glatz and David Arias. At this time I worked very hard to hone my skills and keep up with the increasing demand for directional drilling services. (I didn't realize everybody else was playing golf). As a result my golf game suffered greatly and I still haven't recovered as some of you have observed (Sorry Lonnie, Nathan and Doug).

In contrast, the past year has been a sobering experience, as we have witnessed many talented people forced to leave our industry. It has helped me to appreciate my job, family and the wonderful relationships I have developed in the past five years. As I look into the future and wonder where Halliburton will place me next, I see many talented, smart

and young people (Seth Hunter, Nathan Silva, Scott Quintana, Regan Braseth, Lilliana Vera, Shawn Davis, Lloyd Green, Nick Hebert , Kyle Kranker and maybe even Chad Hathaway) who will continue to keep our fine industry successful and respectable. I am truly blessed to work with each and every one of you!

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you saw a spinning chain? We had a great turn out at our September meeting. I'd like to thank all who participated, especially our guest speaker from Weatherford, Mr. Deepak Gala. Now for the shameless plug: We have a great speaker lined up for our October 15th meeting at the Rice Bowl. Please come out and see Peyton Lowrey , who will be presenting Cement Bond Logging.

Carl Simonson

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AADE CALENDAR—2009-2010

10/15:	Monthly Technical Forum
11/19:	Monthly Technical Forum
1/15:	Clay Shoot
2/18:	Monthly Technical Forum
3/19:	Golf Tournament
4/15:	Monthly Technical Forum
5/20:	Clay Shoot

This schedule is tentative and may be subject to change

This Years January Meeting has a New Name

“2010 OVERVIEW OF DRILLING”

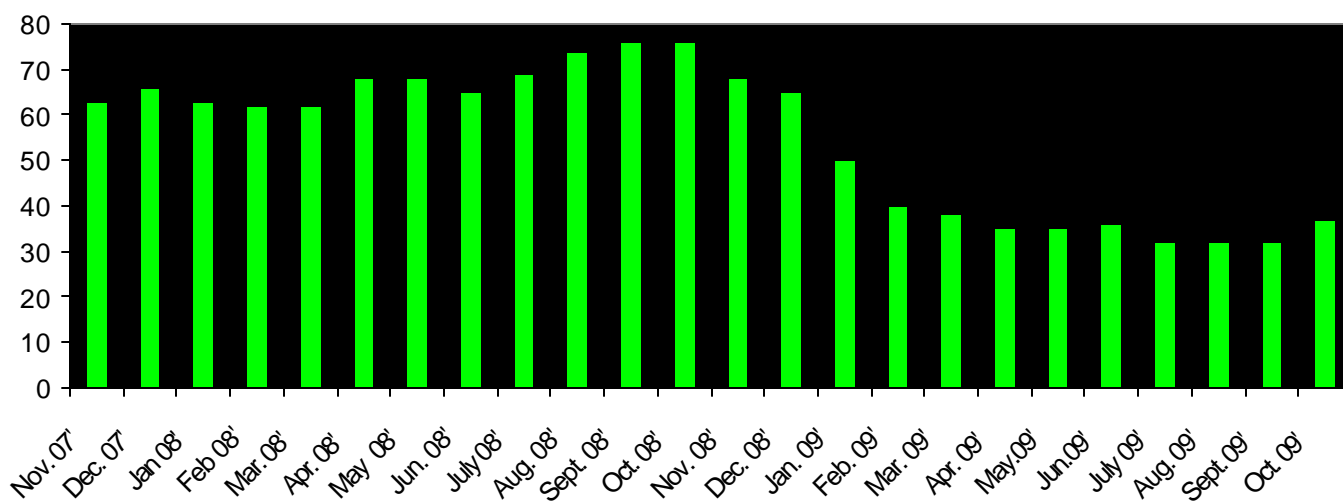
The Keynote Speaker will be:

**JOHN M. DANIEL
VICE PRESIDENT
INSTITUTIONAL RESEARCH
SIMMONS & COMPANY
HOUSTON**

**Simmons & Company is one of the premier
Investment banking firms that follow the U.S.
drilling market for Wall Street, Major Oil Companies,
and the Drilling Industry. By attending the January
Meeting you can gain valuable insight into the 2010
drilling activities in California and the U.S.**

Please plan to attend!

Monthly Rig Count Onshore California



*** Data based on Munger Report**



AMERICAN ASSOCIATION OF DRILLING ENGINEERS MEMBERSHIP APPLICATION

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